

Form PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

ATTY DOCKET NO.  
60953/119

SERIAL NO.  
09/142,660

APPLICANT  
Rainer Hintsche et al

FILING DATE  
December 22, 1998

GROUP  
~~1648~~ 1655

Date Submitted to PTO: March 30, 1999

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

B28	A14	SCHYBERG et al., Impedance analysis of Si/SiO <sup>2</sup> structures grated with biomolecules for the eleaboration of an immunosensor, Sensors and Actuators B 26-27 (1995), pp 457-460.
	A15	P. Bergveld, A Critical Evaluation of Direct Electrical Protein Detection Methods*, Biosensors & Bioelectronics 6 (1991) 55-72.
	A16	KRUISE et al., Detection of charged proteins by means of impedance measurements, Sensors and Actuators B, 6 (1992), 101-105.
B28	A17	Morita et al., Electrochemical Detection Using Interdigitated Array Carbon Microelectrodes, Vol. 8, No. 2, (1996), pp 77-80.

EXAMINER

*B. J. Lerner*

DATE CONSIDERED

*12-6-99*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B1f	A1	5,491,097	2/96	RIBI et al.	436	518

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
B1f A2	32 28 542	2/84	Fed. Rep. Germany	—	— Abstract
B1f A3	0 299 780	3/89	Europe	—	—
B1f A4	94/29708	12/94	WIPO	—	— Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

B1f A5	SWIETLOW et al., Double-Layer Capacitance Measurements of Self-Assembled Layers on Gold Electrodes, <i>Electroanalysis</i> , 4 (1992), pp 921-928.
A6	KNICHEL et al., Utilization of a self-assembled peptide monolayer for an impedimetric immunosensor, 8253b <i>Sensors and Actuators B: Chemical</i> B28 (1995) August, No. 2, Lausanne, CH, pp 85-94.
A7	FAEGERSTAM et al., Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a <i>Sensor Chip Technology</i> , Vol. 11, No. 5, (1991), pp 620-627.
A8	HAEULSSLING et al., Biotin-Functionalized Self-Assembled Monolayers on Gold: Surface Plasmon Optical <i>Studies of Specific Recognition Reactions</i> , Volume 7, No. 9, (1991), pp 1838-1840.
A9	BRECHT et al., Optical Probes and Transducers*, Univ. of Tuebingen, <i>Biosensors &amp; Bioelectronics</i> 10 (1995), pp 923-936.
A10	FELDMAN et al., Evanescent Wave Immunoprobe with high bivalent antibody activity, <i>Biosensors &amp;</i> <i>Bioelectronics</i> 10 (1995), pp 423-434.
A11	UHE et al., Enzyme Chronopotentiometry, <i>Electroanalysis</i> , 6 (1994), pp 543-552.
A12	Domenici et al., Development of a TIRF immunosensor: modelling the equilibrium behavior of a competitive system, <i>Biosensor &amp; Bioelectronics</i> 10 (1995), pp 371-378.
B1f A13	SOUTEYRAND et al., Direct detection of biomolecules by electrochemical impedance measurements, <i>Sensors</i> and <i>Actuators B</i> . 20 (1994), 63-69.

EXAMINER B. Z. Lujar

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